

Table 3

Average urinary excretion as molar percentage of total recovered nicotine and metabolites<sup>a</sup>

Metabolite	Cigarette Smoking	Transdermal Nicotine	95% C.I. of Difference
NIC	10.4 ± 4.4 <sup>b</sup>	11.1 ± 4.3	-1.6, 3.1
NIC-G	4.6 ± 2.9	5.3 ± 3.3	-0.2, 1.5
COT	13.3 ± 3.1	14.9 ± 4.6	-0.1, 3.3
COT-G	15.8 ± 7.8	15.4 ± 7.9	-1.9, 1.2
3-HC	39.1 ± 12.5	37.0 ± 10.8	-5.2, 1.0
3-HC-G	7.8 ± 5.9	7.9 ± 4.7	-3.0, 3.1
NNO	3.7 ± 0.9	2.7 ± 1.2	-0.01, 1.27
CNO	4.5 ± 1.5	5.2 ± 1.5	-1.8, -0.2
NORNIC	0.65 ± 0.15	0.41 ± 0.12	-0.3, -0.1

<sup>a</sup> C.I., confidence interval; NIC, nicotine; NIC-G, nicotine glucuronide; COT, cotinine; COT-G, cotinine glucuronide; 3-HC, *trans*-3'-hydroxycotinine; 3-HC-G, *trans*-3'-hydroxycotinine glucuronide; NNO, nicotine 1'-N-oxide; CNO, cotinine N-oxide; NORNIC, nor nicotine.

<sup>b</sup> ± S.D.